



THE JOINT CHIEFS OF STAFF
WASHINGTON 25, D. C.

1961 APR 21 CM-190-61
18 Apr 61 1961

OFFICE OF THE
SECRETARY OF DEFENSE

MEMORANDUM FOR SECRETARY McNAMARA

SUBJECT: "Doctrine" on Thermonuclear Attack

1. By JCSM-252-61, attached hereto, the Joint Chiefs of Staff forward to you their divergent views on Project #2 of Assignment of Projects within the Department of Defense, dated March 8, 1961, in which you asked that the Joint Chiefs of Staff present a "doctrine" which if accepted would permit controlled response and negotiating pauses in the event of thermonuclear attack.

2. You will note, from the attached memorandum, that the Joint Chiefs of Staff, I among them, are in agreement that we do not now have the requisite capabilities for carrying out a doctrine of controlled responses and negotiating pauses in the event of thermonuclear attack. We also agree that attempts at the present time to implement such a doctrine, or to declare such an intent, would be premature and could gravely weaken our deterrent posture.

3. The basic split in this report relates to the extent to which the Joint Chiefs of Staff should make a judgment now that implementing a doctrine of controlled response and negotiating pauses in the event of thermonuclear war is a desirable and feasible course of action in the future.

4. My personal judgment is that we do not now have adequate defenses, nor are our nuclear retaliatory forces sufficiently invulnerable, to permit us to risk withholding a substantial part of our effort, once a major thermonuclear attack has been initiated. Furthermore, the advantages to be achieved by limiting our responses, under such conditions, could only be realized by the enforcement upon the Soviets of a degree of tacit "cooperation" which does not now appear

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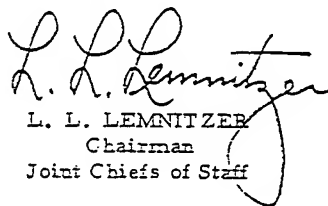
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realistic. Nevertheless, I believe that further specification of such a doctrine, insofar as it applies to conditions of less than large-scale deliberate attack, would be a desirable undertaking. It would submit the complex problems of controlled responses, negotiating pauses, and their interrelationship with enemy reactions to rigorous analysis. However, except for these lower levels of attack, I believe that an attempt to spell out specific controlled response options would be undesirable until we have more knowledge of the technological possibility of creating the essential building blocks on which safe implementation of the doctrine could be based.

5. It is my judgment, therefore, that it is not now possible to set forth a more definitive doctrine, which if accepted in the proximate future would permit, with safety, controlled response and negotiating pauses covering the full range of the conceivable thermonuclear threat. Nevertheless, I believe the matter to be of such importance that it can, with profit, be examined further, with regard to its application under conditions of less than large-scale deliberate attack and particularly with respect to the conditions and the time-frame under which such a doctrine might realistically be made increasingly applicable over a wider range. Accordingly, I have directed the Joint Strategic Survey Council, as a matter of priority, to examine the problem further from this point of view and to submit their findings to the Joint Chiefs of Staff.

6. Therefore, that the answer to Project 2 provided herewith is a first reply, to be followed by further study by the Joint Chiefs of Staff.


L. L. LEMNITZER
Chairman
Joint Chiefs of Staff

Attachment:
JCSM-252-61

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THE JOINT CHIEFS OF STAFF
WASHINGTON 25, D. C.

CM-172-61

APR 3 1961

MEMORANDUM FOR SECRETARY McNAMARA

Subject: Major Military Force Projections to End
FY 1965

- References: a. Multi-address Memo from SecDef Dated
8 March 1961, Subj: Assignment of Projects
within the Department of Defense
b. CM-65-61 Dated 17 January 1961

Enclosure: Major Army, Naval, and Air Force Forces
Funded through FY 1962 President's Budget

1. The Enclosure, showing major military forces by end
Fiscal Years from 1 July 1960 to 1 July 1965, is forwarded in
response to requirement number three ("Prepare a five-year
summary of forces and major weapons.") of reference a.

2. The Enclosure reflects all program changes resulting
from amendments to the FY 1962 President's Budget, including
the major program changes presented to the Congress by the
President on 28 March 1961.

3. As in the case of the 17 January submission (reference b.),
equipment assets projected beyond FY 1962 reflect programs funded
by the amended President's FY 1962 and prior years' budgets. For
example, 22 squadrons of F-105 aircraft funded through the FY 1962
President's Budget as amended enter the inventory by 1 July 1964.
Hence, no increase in this program which would be due to any FY
1963 buy is shown at the 1 July 1965 position.


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CM-172-61

4. Force projections were made on the basis that end FY 1962 military manpower levels will remain constant through 1 July 1965.

5. Data shown in the Enclosure were provided by the Services and are as of 30 March 1961. Where necessary, comments are included to amplify the tabulations.


L. L. LEMNITZER
Chairman
Joint Chiefs of Staff

cc: RAdm McCormick

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MAJOR UNIT POSITIONS
ARMED THROU PT 1962 PRESIDENT'S BUDGET
 (As Approved)

CONF NO. 1

UNIT	PT 1 Jul 60	1 Jul 61	1 Jul 62	1 Jul 63	1 Jul 64	1 Jul 65
MAJOR COMBAT UNITS						
Divisions	14	14	14	14	14	14
Infantry	(9)	(9)	(9)	(9)	(9)	(9)
Armored	(7)	(3)	(3)	(3)	(3)	(3)
Airborne	(2)	(2)	(2)	(2)	(2)	(2)
Armored Cavalry	1	1	1	1	1	1
Brigades	2	2	2	2	2	2
Regiments (Arm Cav)	5	6	6	6	6	6
Battle Groups	4	8	9	9	9	9
Special Forces Groups	3	3	4	4	4	4
PA Helicopter Co (RESPONSE)	5	3	3	3	-	-
Air Defense Bn	87 3/4	87 3/4	87 3/4	87 3/4	87 3/4	87 3/4
STRE ALAI	(4)	(1 1/2)	(2)	(2)	(9)	(7)
STRE KANGAROO	(20 1/2)	(20 1/2)	(27 3/4)	(27 3/4)	(27 3/4)	(27 3/4)
ACME	-	-	-	-	-	-
BAK	(2 1/2)	(3)	(2)	(2)	(2)	(2)
STRE BAK	-	-	-	-	-	-
Separate Combat Bn	-	1	-	-	-	-
Armored Rifle	5	6	6	6	6	6
Armor	9	9	9	9	9	9
Field Artillery	38	38	38	38	38	38
Self Contained	17	17	17	17	17	17
PA Bn BMO	5	3	2	2	-	-
SEC. "A"	-	-	-	-	-	-
SEC. "B"	1444/19 1/2	1240/15 1/2	1211/15 1/2	1211/15 1/2	1211/15 1/2	1211/15 1/2
SEC. LITTLE JUNG	-	1258/7	1211/7	1211/7	1211/7	1207/7
SEC. LACONNE	1364/8	1206/8	1206/8	1212/8	1222/8	1216/8
SEC. COCONAL	1344/12	1212/12	1211/12	1236/9	1234/1	-
SEC. KEMILAT	-	-	125/3	1205/1	1211/10	121/10
SEC. POKKED	-	-	12/1	121/3	134/3 1/2	16/3 1/2
Dr. Bn	33	34	35	40	40	40
Total Op. staff	4599	4597	4611	4705	4697	4517
STRENGTH	870000	870000	870000	870000	870000	870000

Includes National Guard active installations.

Includes missile units organic to missile commands and divisions.

// Indicates active levels.

Missile levels are limitations for number of sets of fire control equipment in SECURE and POWERED units.

1 July 1965 position reflects consumption of POWERED missiles for training purposes, without actual replacement due to any PT 1965 buy.

MR not shown as 1965 vary. Organic aircraft's limited in following way.

- GENERAL COMMENTS:**
- Unit Equipment (UE) is the number of aircraft in organizational unit.
 - Re deliveries from procurement programs subsequent to the PT 1962 Budget are reflected herein.
 - Current Army programs indicate a requirement for additional personnel for PT 63-64-65 to subsequently run the force above.
 - The true effect was limited procurement due to Army source capability is impossible to portray through a force structure. Basically, the Army equips men, while other services primarily are equipment. The soldier is the principal combat element of the Army, but his effectiveness is measured in large part by the quality of the equipment available to him.

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MAJOR NAVAL FORCES
FINANCIAL THROUGH FY 1962 (RESIDUAL & BUDGET
(in thousands)

UNIT	FY	1 Jul 60	1 Jul 61	1 Jul 62	1 Jul 63	1 Jul 64	1 Jul 65
Attack Carrier		14	14 (1)	14 (2)	14	14	14 (1)
ASW Carriers		9	9	9	9	9	9
Tact Command Ship		1	1	1	1	1	1
Cruisers		13	14	14	14	14	14
O/N Types		(6)	(9)	(12)	(12)	(12)	(12)
Gun Types		(7)	(5)	(2)	(2)	(2)	(2)
Destroyers		246	225	225	225	222	222
O/N Types		(3)	(19)	(24)	(30)	(43)	(54)
Gun Types		(223)	(206)	(201)	(196)	(179)	(168)
Submarines - Total		111	112	109	104	106	106
Nuclear		(8)	(15)	(18)	(25)	(29)	(32)
Conventional		(103)	(96)	(91)	(79)	(77)	(74)
FHM Submarines - Total		2 1/4	5 1/16	9 1/10	12 1/2000	24 1/100	29 1/100
Patrol Escort		45	43	43	43	44	45
Mine Warfare		21	24	24	24	24	21
Amphibious		113	105	103	103	103	103
Auxiliary		197	204	206	205	204	203
TOTAL		612	617	617	615	624	607
OYG (Attack Carrier Air Group)		16	17	17	15	16	16
OYSG (ASW Carrier Air Group)		11	11	11	11	11	11
VP-RCN (Patrol Squad)		32	32	32	32	32	32
VP-RCN (Lighter-than-air LTA Squad)		1	0	0	0	0	0
VP-RCN (Marling Squad)		8	7	5	5	5	5
VP-RCN (LTA Marling Squad)		1	0	0	0	0	0
VP-RCN (VCP) (Heavy Photo Squad)		2	2	2	2	2	2
VP-RCN (Recon Electronic Squad)		2	2	2	2	2	2
VP-RCN (Utility Helicopter Squad)		2	3	3	3	3	3
TOTAL OPERATING A/C		679	693	664	627	628	629
TOTAL ACTIVE NAVY PERSONNEL		617,904	625,000	628,000	609,000	629,000	625,000
Fleet Marine Forces		2	2	2	2	2	2
Division/Viking Team		3	3	3	3	3	3
NAVY ARMY AIR Corps (NA)		2	2	2	2	2	2
Light AA Hel Sea (NAVC)		1	2	2	2	2	2
Med AA Hel Sea (NAVJ)		1	1	0	0	0	0
ACTIVE MARINE CORPS PERSONNEL		175,000	175,000	175,000	175,000	175,000	175,000

(1) New construction CVAs joining into fleet, older CVAs phasing out.

11 Alongside the FHM submarines shown the combined total of A-1 and A-2 missiles in hand as of the date indicated. By FY 65 all FHM submarines will be fitted for A-2 missile/rocket launch program through FY 66 for the purpose of ship/line, training, support, and quality control will not meet the requirements for the FHM submarine program through FY 62 and is commission by FY 65.

See attached sheet for US of Navy/Marine Corps air command units as of 1 Jul 1961.

Marine Corps aviation data on numbers of operating aircraft is included in Navy totals.

* The 1st Medium AA Hel Sea will be redesignated the 1st Light AA Hel Sea during the 1st quarter, FY 1962.
 ** The Battalion to be in a cadre status.

- GENERAL COMMENTS:**
- Unit Equipment (UE) is the number of aircraft in organizational units.
 - No deliveries for procurement program subsequent to the FY 62 Budget are reflected herein.
 - Current Navy/Marine Corps programs indicate a requirement for additional personnel for FY 63, 64, and 65 to adequately man the forces shown.
 - Ships shown include new and modernized ships which will replace some of the coverage shown now in the fleet.

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NAVAL AIR FORCE FORCES
PLANNED THROUGH FY 1962 PRESIDENT'S BUDGET
(As Amended)

UNIT	US	1 Jul 60	1 Jul 61	1 Jul 62	1 Jul 63	1 Jul 64	1 Jul 65	COMMENTS
Air Transport Squadrons (ATS)		12	25	19	19	19	17	
C-118	4	(7)	(7)	(3)	(3)	(3)	(2)	
C-121	4	(2)	(3)	(3)	(3)	(3)	(1)	
C-124	10	(2)	(5)	(8)	(7)	(7)	(6)	
C-133	10-15	(2)	(3)	(3)	(3)	(3)	(3)	
C-130	12-15	1	-	-	(3)	(3)	(3)	
C-135	11-15	-	-	(2)	(2)	(2)	(2)	
		Sqs	Sqs	Sqs	Sqs	Sqs	Sqs	
Logistics Support (AMS)								
C-124	36/12	2	1	3	3	3	3	
AMSC								
MC-122	10	5	5	6	5	6	6	
Air Refueling Squadrons (ARS)		50	55	55	42	49	43	
RC-97	20	(32)	(32)	(23)	(12)	(12)	(6)	
MC-135	20	(6)	(12)	(11)	(15)	(17)	(17)	
MC-135	10	(16)	(16)	(20)	(20)	(19)	(19)	
MC-135	23							
Alc								
CS-70	20	5	5	5	3	3	2	
Total Operating Aircraft		15,382	13,626	12,500	12,363	11,519	10,599	This excludes AMS and ARS.
ACTIVE PERSONNEL								
Strength		814,752	822,900	824,900	824,900	824,900	824,900	

- ORIGINAL COMMENTS:
- Unit Equipment (UE) is the number of aircraft in organizational units. (Var indicates variable. UE 15/15 indicates 15 a/c per wing and 15 a/c per squadron. 12-15 indicates unit equipment is 12 or 15.)
 - No deliveries from procurement programs subsequent to the FY 1962 Budget are reflected herein.
 - Current OASD program indicates a requirement for additional personnel for FY 63, 64, and 65 to adequately man the force shown.
 - Air Force units are expressed in wings and squadrons. For example:

1 Jul 60
1-52 (127-36)

indicates there are 12 wings of B-52s composed of 36 squadrons.
 - In the case of aircraft, procurement levels through FY 62 produce a continued decline in the number of operating aircraft.

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TYPICAL COMPOSITION OF NAVY AIR COMBAT UNITS AS OF 1 JULY 1963

<u>Typical Attack Carrier</u>			<u>Typical ASW Carrier (CVSG)</u>		
<u>UE</u>	<u>(CVG) Air Group</u>		<u>UE</u>	<u>Air Group</u>	
14	F4H	(1 Squadron)	20	S2F-1/3	(2 Squadrons)
14	F8U	(1 Squadron)	16	HSS-1N/2	(1 Squadron)
24	A4D	(2 Squadrons)			
12	AD	(1 Squadron)			
9	A3D/A3J	(1 Squadron)			
<u>Typical Patrol Squadron (VP-RON)</u>			<u>Typical ECM Recon. Squadron (VQ-RON)</u>		
11	P2V-7S	(1 Squadron) (Shore-based)	<u>UE</u>		
10	P5M-2	(1 Squadron) (Sea-based)	8	A3D-2Q	
<u>Typical AEW Squadron (VW-RON)</u>			3	WV-2Q	
30	WF-2	Carrier-based (Provides detachments of 4 a/c to CVA/CVS)	<u>Typical Helo Utility Squadron (HU-RON)</u>		
39	WV-2	Shore-based. No typical squadron. This number provides LANT and PAC requirements.	<u>UE</u>		
			30	HU2K	
			5	HUS-1A	
			5	HUL-1	
<u>Typical Photo Recon. Squadron (VAP-RON) (VCPF)</u>					
30	F8U-1P	Carrier-based (Provides detachments of 4 a/c to CVA)			
10	A3D-2P	Shore-based.			

TYPICAL COMPOSITION OF MARINE CORPS AIR COMBAT UNITS AS OF 1 JULY 1963

Wing varies with Fiscal Year. Typical composition for FY 1963:

<u>UE</u>		<u>Squadrons</u>
18	VMF (Ftr incl all-weather)	5
20	VMA (Attack)	4
17	VMCJ (Reconnaissance)	1
24	HMR (L) (Light Helicopter)	4
12	HMR (M) (Medium Helicopter)	1
21	VMO (Observation)	1
12	VMGR (Transport, fixed-wing, inflight refueling)	1

Without production, each year subsequent to 1963, the quantities of aircraft will decrease by 25% through attrition and completion of service life.

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THE JOINT CHIEFS OF STAFF
WASHINGTON 25, D.C.

OFFICE OF THE
SECRETARY OF DEFENSE

CM-192-61

APR 20 1961

MEMORANDUM FOR SECRETARY McNAMARA

Subject: Major Military Force Projections to End
FY 1965

References: a. CM-172-61 Dated 3 April 1961
b. Memo for CJCS from SecDef Dated
14 April 1961

Enclosure: Major Air Force Forces Funded through FY
1962 President's Budget (As Amended)
(Revised 18 April 1961)

Enclosed are revised copies of the Summary of Major Air
Force Forces Funded through FY 1962 in President Kennedy's
budget. The revision has been published in compliance with your
directive of 14 April to reissue the Summary to conform to your
letter to President Kennedy of 20 February.

L. L. Lemnitzer
L. L. LEMNITZER
Chairman
Joint Chiefs of Staff

cc: RAdm McCormick

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MAJOR AIR FORCE FORCES

FUNDED THROUGH FY 1962 PRESIDENT'S BUDGET
(AS ASSIGNED)

UNIT	UR	1 Jul 60	1 Jul 61	1 Jul 62	1 Jul 63	1 Jul 64	1 Jul 65	COMMENTS
MAJOR UNITED STATES AIR FORCE FORCES								
Bomb Wings		Mgs Sqds	Mgs Sqds	Mgs Sqds	Mgs Sqds	Mgs Sqds	Mgs Sqds	
B-52	45/15	(12) (36)	(13) (39)	(14) (42)	(14) (42)	(14) (42)	(14) (42)	
B-47	45/15	(25) (100)	(20) (80)	(13) (52)	(8) (32)	(4) (16)	(0) (0)	
B-58	40/11	(1) (4)	(1) (6)	(2) (8)	(2) (8)	(2) (8)	(2) (8)	
GAH-72 (GAIL)	28	1	11	14	14	14	14	
GAH-77 (ROUND DOG)	18	5	12	25	29	29	29	
Reconnaissance Wings								
RB-47	45/15	2 6	2 6	1 3	1 3	1 3	1 3	
Missile Squadrons		Mals Sqds	Mals Sqds	Mals Sqds	Mals Sqds	Mals Sqds	Mals Sqds	
SM-62 SKAWK	30	30	1 -	- -	- -	- -	- -	
SM-65 ATLAS	10-13	9 2	36 4	98 8	145 13	145 13	145 13	
SM-66 TITAN	10	- -	6 -	58 5	92 8	126 12	126 12	
SM-68 Piled MOUNTAIN (BLO)	50	- -	- -	- -	150 3	600 12	600 12	
AIR DEFENSE FORCES								
FLIGHT INTERCEPTOR SQUADS			85	54	53	51	50	49
F-56	25	(6)	-	-	-	-	-	-
F-59	12	(6)	(1)	(1)	-	-	-	-
F-100	25	(1)	-	-	-	-	-	-
F-101	18-24	(15)	(17)	(17)	(17)	(17)	(17)	(17)
F-102	Var	(24)	(22)	(21)	(20)	(19)	(18)	
F-104	25	(3)	-	-	-	-	-	-
F-106	18-24	(10)	(14)	(14)	(14)	(14)	(14)	
Missile Squadrons								
SM-69 A/B (ROMAN)		8	8	8	8	8	8	
MAJOR UNITED STATES NAVY FORCES								
Tactical Fighter Wings		Mgs Sqds	Mgs Sqds	Mgs Sqds	Mgs Sqds	Mgs Sqds	Mgs Sqds	
F-100	72/18 75/25	(13) (24)	(12) (42)	(11) (37)	(8) (29)	(7) (25)	(5) (20)	
F-104	72/18	(1) (4)	(1) (4)	(1) (4)	(2)	-	-	
F-105	72/18 75/25	(1) (4)	(2) (6)	(3) (11)	(6) (18)	(7) (22)	(7) (22)	
F-101	75/25	(1) (3)	(1) (3)	(1) (3)	(1) (3)	-	-	
Tactical Bomber Wings		2 6	2 6	1 3	-	-	-	
B-60	48/16	(1) (3)	(1) (3)	-	-	-	-	
B-57	48/16	(1) (3)	(1) (3)	(1) (3)	-	-	-	
Tactical Recon Wings		2 14	3 14	2 12	3 12	3 12	2 8	
RB-66	72/18	(1) (6)	(1) (6)	(1) (4)	(1) (4)	(1) (4)	-	
RF-101	72/18	(2) (3)	(2) (8)	(2) (3)	(2) (3)	(2) (8)	(2) (8)	
Troop Carrier Wings		10 30	10 30	10 31	10 30	9 27	8 24	
C-124 (Seevy)	36/12	(4) (12)	(4) (11)	(3) (10)	(3) (9)	(3) (9)	(2) (6)	
C-130 (Medium)	48/16	(4) (12)	(4) (11)	(5) (14)	(4) (13)	(3) (9)	(3) (9)	
C-123 (Assault)	48/16	(2) (6)	(2) (6)	(2) (5)	(1) (4)	-	-	
C-130 B (Assault)	48/16	-	-	-	(1) (1)	(2) (2)	(2) (2)	
C-130 E (Medium)	48/16	-	-	-	(1) (1)	(2) (2)	(1) (1)	
Tactical Missile Sqds		5	5	5	5	5	5	
SM-61C (MADDOG)	Var	(1)	(1)	-	-	-	-	
SM-76 A/B (HAGE)	72/18	(2)	(2)	(5)	(5)	(5)	(5)	

Exact date of phaseout under study.
Incrementally phased. Major and US quantities are based on assumptions that F-102 funding will attain end FY 64 USAF program.
TITAN forces include 6 missiles assigned training squadron at Vandenberg AFB.
MINUTEMAN forces are currently under review.

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MAJOR AIR FORCE FORCES

FUNDED THROUGH FY 1962 PRESIDENT'S BUDGET
(All America)

UNITS	UE	1 Jul 60		1 Jul 61		1 Jul 62		1 Jul 63		1 Jul 64		1 Jul 65		COMMENTS
		Wgs	Sqs	Wgs	Sqs	Wgs	Sqs	Wgs	Sqs	Wgs	Sqs	Wgs	Sqs	
Air Transport Sqads (MACS)			22		21		19		19		19		17	
C-118	Var		(7)		(7)		(3)		(3)		(3)		(2)	
C-121	Var		(3)		(3)		(3)		(3)		(3)		(1)	
C-124	16		(10)		(8)		(8)		(7)		(7)		(6)	
C-133	12-16		(2)		(3)		(3)		(3)		(3)		(3)	
C-130	12-16		-		-		-		(3)		(3)		(3)	
C-135	12-16		-		-		(2)		(2)		(2)		(2)	
			Sqs		Sqs		Sqs		Sqs		Sqs		Sqs	
Logistics Support (AMC)														
C-124	36/12		3		3		3		3		3		3	
AMAC														
MC-121	10		6		6		6		6		6		6	
Air Refueling Squadrons (SAC)			56		58		55		50		45		38	
MC-97	20		(31)		(30)		(23)		(14)		(8)		(1)	
MC-135	20		(9)		(11)		(11)		(15)		(17)		(17)	
MC-135	10		(16)		(16)		(20)		(20)		(19)		(19)	
MC-135	23				(1)		(1)		(1)		-		-	
MC-135	13		-		-		-		-		(1)		(1)	
Air Refueling Squadrons (SAC)														
KB-50	20		6		6		6		5		3		2	
Total Operating Aircraft			15,312		13,616		12,820		12,383		11,519		10,199	
ACTIVE PERSONNEL														
Strength			314,732		222,900		224,500		224,500		224,500		224,500	

This excludes ANG and AFB.

- GENERAL COMMENTS:
- Unit Equipment (UE) is the number of aircraft in organizational units. (Var indicates variable. UE 45/15 indicates 45 a/c per wing and 15 a/c per squadron. 12-16 indicates unit equipment is 12 or 16.)
 - No deliveries from procurement programs subsequent to the FY 1962 Budget are reflected herein.
 - Current USAF programs indicate a requirement for additional personnel for FY 63, 64, and 65 to adequately man the force shown.
 - Air Force units are expressed in wings and squadrons. For example:

$$\frac{1 \text{ Jul } 60}{B-52} \frac{(12)-(36)}{(12)-(36)}$$
 indicates there are 12 wings of B-52s composed of 36 squadrons.
 - In the case of aircraft, procurement levels through FY 62 produce a continued decline in the numbers of operating aircraft.

SECRET
(18 Apr 61 - Revised)

Reclassified by JCS, 19 NOV 80

14 April 1961

MEMORANDUM FOR SEN. CLARK, JOINT CHIEFS OF STAFF

The Summary of Major Air Forces Aired through FY 1962 in President Kennedy's Budget, submitted in fulfillment of Project 3, shows the following program for B-47 wings and EC-57 squadrons:

End FY	61	62	63	64	65
B-47 wings	20	13	13	10	5
EC-57 squadrons	20	23	12	12	5

The number of wings shown for End FY 1963, 1964, and 1965 is not in accordance with Page 12, Tab 1 of my letter to the President dated February 20.

You will recall that the program as outlined on Page 12 was discussed with the Service Secretaries and the Joint Chiefs of Staff on February 15 and February 17, and at that time there was general agreement that our planning for future years should be based on the B-47 wing program outlined on that page.

I believe that all current planning documents, including the document attached to SS-172-41 of 3 April 1961, should be modified to the program outlined in Page 12. The EC-57 should be phased out concurrently. That is, the approved B-47/EC-57 force is now as follows:

End FY	61	62	63	64	65
B-47 wings	20	13	8	4	0
EC-57 squadrons	20	23	14	8	1

During the consideration of the 1963 Budget, if the Air Force or other offices of the Department of Defense wish to propose alternative programs, these, of course, can be considered at that time. Meantime, the letter to President Kennedy of February 20 should be the basic planning document.

Please arrange to have the attached schedule reissued to conform to that document.

SIGNED

John F. Kennedy

cc: JCS/SecDef

Chief of Staff

Disseminated by JCS
19 NOV 80

SEC DEF CONT NO. 5-355

54/113

RECEIVED



Project 3

(6)



JUN 26 03 34

THE JOINT CHIEFS OF STAFF
WASHINGTON 25, D. C.

OFF SECY. OF DEFENSE

CM-250-61

JUN 23 1961

MEMORANDUM FOR SECRETARY McNAMARA

Subject: Major Military Force Projections to
End FY 1965 (U)

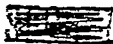
References: a. CM-172-61 Dated 3 April 1961
b. CM-192-61 Dated 20 April 1961

Enclosure: Major Naval and Air Force Forces Funded
through FY 1962 President's Budget (As
Amended)

1. Enclosed are corrected copies of the 30 March 1961
statements of Major Air Force Forces and Naval Forces funded
through FY 1962 in President Kennedy's budget.

2. The Air Force prepared new tables after a review of
the forces in the context of their intended use as a basic budget
submission. This review indicated that the Army and Navy had
projected level force structures, while the Air Force departed
from programmed force levels and phased out forces planned for
modernization with funds anticipated in FY 1963 and later budgets.
The present revision reflects a level Air Force force structure,
with notation to indicate those units dependent on FY 1963 funding
for modernized equipment, and on which implied procurement
decisions were made in FY 1962 and prior year budget delibera-
tions.

Declassified by
JCS 19 Nov 80



(SECDEF HAS SEEN)

DOWNGRADED AT 12 YEAR
INTERVALS: NOT AUTOMATICALLY
DECLASSIFIED. DOD DIR 5200.10

SecDef Cont. No. 1193

~~SECRET~~

3. The corrected Naval Forces submission reflects Navy program changes which had been made prior to 30 March 1961, but which had been omitted from the original submission.

4. The Army and Marine Corps have indicated informally that at this time they do not desire to submit changes to their original 30 March 1961 submissions.

L. L. Lemnitzer
L. L. LEMNITZER
Chairman
Joint Chiefs of Staff

Declassified by JCS
19 NOV 80

~~SECRET~~

SECRET

MAJOR NAVAL FORCES

Copy 4 35 CORRE

FUNDED THROUGH FY 1958 PRESIDENT'S BUDGET
(As Amended)

UNITS	UP	1 Jul 50	1 Jul 51	1 Jul 52	1 Jul 53	1 Jul 54	1 Jul 55	COMMENTS
Attack Carrier		14	15	15	15	14	14	
ASV Carriers		9	9	9	9	9	9	
Tact Command Ship		1	1	1	1	1	1	
Cruisers		13	12	13	14	14	14	
G/N Types		(6)	(8)	(9)	(12)	(12)	(12)	
Gun Types		(7)	(4)	(4)	(2)	(2)	(2)	
Destroyers		226	223	225	222	225	225	
G/N Types		(3)	(15)	(24)	(36)	(43)	(56)	
Gun Types		(223)	(208)	(201)	(186)	(182)	(169)	
Submarines - Total		111	111	109	108	106	105	
Nuclear		(8)	(15)	(18)	(25)	(29)	(29)	
Conventional		(103)	(96)	(91)	(83)	(77)	(76)	
FPM Submarines - Total		2 /4	5 /98	9 /170	12 /288	24 /310	29 /310	// alongside the FPM submarines shows the combined total of A-1 and A-2 missiles on hand as of the date indicated. By end FY 55 all FPM submarines will be fitted for A-2 missiles. Missiles programmed through FY 52 for the purpose of ship-fills, training, support, and quality control will not meet the requirements for the FPM submarines programmed through FY 52 buy and in commission by FY 55.
Patrol Escort		45	45	43	43	43	40	
Mine Warfare		81	83	84	84	80	79	
Amphibious		113	107	104	104	104	103	
Auxiliary		197	206	206	206	202	200	
TOTAL		812	817	818	818	822	819	
CVG (Attack Carrier Air Group)		16	17	17	17	16	16	
CVBG (ASV Carrier Air Group)		11	11	11	11	11	11	
VP-RON (Patrol Squad)		32	32	32	32	32	32	
2P-RON (Lighter-than-air LMA Squad)		1	0	0	0	0	0	See attached sheet for U/S of Navy/Marine Corps air combat units as of 1 July 1955.
VV-RON (Warning Squad)		8	7	5	5	5	5	
2V-RON (LMA Warning Squad)		1	0	0	0	0	0	
VAP-RON (VCP) (Heavy Photo Squad)		2	2	2	2	2	2	
VQ-RON (Heavy Electronic Squad)		2	2	2	2	2	2	
SU-RON (Utility Helicopter Squad)		2	3	3	3	3	3	
TOTAL OPERATING A/C		6759	5953	5884	5845	5687	5406	
TOTAL ACTIVE NAVY PERSONNEL		617,984	625,000	628,000	628,000	568,000	628,000	Marine Corps aviation data on numbers of operating aircraft is included in Navy totals.
Fleet Marine Forces		2	2	2	2	2	2	
Division/Ving Teams		3	3	3	3	3	3	
Div Army Bn Btry (BJ)		2	2	2	3	3	3	
Light AA Mal Bn (HAWK)		1	2	3	4	4	4	
Med AA Mal Bn (TERRIER)		1	*1	0	0	0	0	* The 1st Marine AA Mal Bn will be redesignated the 3rd Light AA Mal Bn during the 4th Quarter, FY 1962.
ACTIVE MARINE CORPS PERSONNEL		175,000	175,000	178,000	178,000	178,000	178,000	** One Battalion to be in a cadre status.

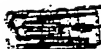
- GENERAL COMMENTS:
- Unit Equipment (UE) is the number of aircraft in organizational units.
 - No deliveries for procurement programs subsequent to the FY 52 Budget are reflected herein.
 - Current Navy/Marine Corps programs indicate a requirement for additional personnel for FY 52, 54, and 55 to adequately man the forces shown.
 - Ships shown include new and modernized ships which will replace some of the obsolescent ones now in the Fleet.

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DECLASSIFIED AFTER 12 YEARS
GPO ODR. 5800.10

SECRET
(As of 30 Mar 61)
(Corrected 16 Jun 61)

Declassified by JCS 19 Nov 80

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MAJOR AIR FORCE FORCES

FUNDED THROUGH FY 1962 PRESIDENT'S BUDGET
(As Amended)

Copy # 35 copies

UNIT	US	1 Jul 60	1 Jul 61	1 Jul 62	1 Jul 63	1 Jul 64	1 Jul 65	COMMENTS	
MAJOR UNITS									
STRATEGIC FORCES									
Bomb Wings		Vgs	Sqs	Vgs	Sqs	Vgs	Sqs	Vgs	Sqs
B-52	45/15	(12)	(35)	(13)	(37)	(14)	(42)	(14)	(42)
B-47	45/-	(25)	(100)	(20)	(80)	(13)	(52)	(8)	(32)
B-58	40/-	(1)	(1)	(3)	(2)	(6)	(2)	(6)	(2)
GA-72 (GAIL)	26	1	8	14	14	14	14	14	14
GA-77 (SCUD DOG)	18	5	12	25	29	29	29	29	29
Reconnaissance Wings									
RB-47	45/15	2	6	2	6	1	3	1	3
Missile Squadrons		Mals	Sqs	Mals	Sqs	Mals	Sqs	Mals	Sqs
SM-62 BRAKE	30	30	1	-	-	-	-	-	-
SM-65 ATLAS	10-13	9	2	36	4	98	8	145	13
SM-68 TITAN	10	-	-	6	-	58	5	92	8
SM-69 Piled MONTANA (SAD)	50	-	-	-	-	-	150	3	600
AIR DEFENSE FORCES									
FIGHTER INTERCEPTOR SQDS									
F-86	25	(6)	-	-	-	-	-	-	-
F-89	12	(6)	(1)	(1)	(1)	-	-	-	-
F-100	25	(1)	-	-	-	-	-	-	-
F-101	18-24	(15)	(17)	(17)	(17)	(17)	(17)	(17)	(17)
F-102	Var	(24)	(22)	(21)	(20)	(19)	(18)	(17)	(16)
F-104	25	(3)	-	-	-	-	-	-	-
F-105	18-24	(10)	(14)	(14)	(14)	(14)	(14)	(14)	(14)
Missile Squadrons									
DM-99 A/B (ROMARK)	Var	4	6	8	8	8	8	8	8
MAJOR UNITS									
TACTICAL FORCES									
Tactical Fighter Wings		Vgs	Sqs	Vgs	Sqs	Vgs	Sqs	Vgs	Sqs
F-100	72/18 75/25	(13)	(44)	(12)	(42)	(12)	(37)	(9)	(32)
F-104	72/18	(1)	(4)	(1)	(4)	(1)	(4)	(2)	-
F-105	72/18 75/25	(1)	(4)	(2)	(6)	(3)	(11)	(5)	(18)
F-101	75/25	(1)	(3)	(1)	(3)	(1)	(3)	(1)	(3)
Tactical Bomber Wings		2	6	2	6	2	6	2	6
B-66	48/16	(1)	(3)	(1)	(3)	(1)	(3)	(1)	(3)
B-57	48/16	(1)	(3)	(1)	(3)	(1)	(3)	(1)	(3)
Tactical Recon Wings		3	14	3	14	3	14	3	14
RB-66	72/18	(1)	(6)	(1)	(6)	(1)	(6)	(1)	(6)
RF-101	72/18	(2)	(8)	(2)	(8)	(2)	(8)	(2)	(8)
RF-105		-	-	-	-	-	-	-	-
Drop Carrier Wings		10	30	10	30	10	30	10	30
C-124 (Heavy)	36/12	(4)	(12)	(4)	(12)	(3)	(10)	(3)	(9)
C-130 A/B (Medium)	48/16	(4)	(12)	(4)	(12)	(3)	(14)	(4)	(13)
C-123 (Assault)	48/16	(2)	(6)	(2)	(6)	(2)	(5)	(2)	(4)
C-130 B (Assault)	48/16	-	-	-	-	-	(1)	(1)	(2)
C-130 E (Medium)	48/16	-	-	-	-	-	(1)	(2)	(2)
Tactical Missile Sqds		5	5	5	5	5	5	5	5
DM-61C (MACADOR)	360/90	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
DM-76 A/B (MACB)	36 72/18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)

Line item revised 18 Apr 61.

Incrementally funded. Sqds and US quantities are based on assumptions that FY 62 funding will attain end FY 64 DRAP program.
TITAN force includes 6 missiles assigned training squadron at Vandenberg AFB.

SECRET
(As of 30 Mar 61)
(corrected 16 Jun 61)Declass. fed by JCS
19 NOV 80DOWNGRADED AT 12 YEAR INTERVALS;
NOT AUTOMATICALLY DECLASSIFIED
DOD DIRECTIVE 5200.10

SECRET

MAJOR AIR FORCE FORCES
FUNDED THROUGH FY 1962 PRESIDENT'S BUDGET
 (As Amended)

UNITS	UE	1 Jul 60		1 Jul 61		1 Jul 62		1 Jul 63		1 Jul 64		1 Jul 65		COMMENTS
		Wgs	Sqs	Wgs	Sqs	Wgs	Sqs	Wgs	Sqs	Wgs	Sqs	Wgs	Sqs	
Air Transport Sqds (MATS)			22		21		19		19		19		18	
C-118	var		(7)		(7)		(3)		(3)		(3)		(2)	
C-121	var		(3)		(3)		(3)		(1)		(1)		(1)	
C-124	16		(20)		(8)		(8)		(7)		(7)		(7)	
C-133	12-16		(2)		(3)		(3)		(3)		(3)		(3)	
C-130 1	12-16		-		-		-		(3)		(3)		(3)	
C-135	12-16		-		-		(2)		(2)		(2)		(2)	
			Sqs		Sqs		Sqs		Sqs		Sqs		Sqs	
Logistics Support (AWC)														
C-124	12/18		3		3		3		3		3		3	
AWAC														
EC-121	10		6		6		6		6		6		6	
Air Refueling Squadrons (SAC)			56		58		55		50		49		43	
EC-97	20		(11)		(30)		(23)		(14)		(8)		(1)	
EC-135	20		(9)		(11)		(11)		(15)		21		22	
EC-135	10		(16)		(15)		(20)		(20)		(19)		(19)	
EC-135	23				(1)		(1)		(1)		-		-	
EC-135	13		-		-		-		-		(1)		(1)	
Air Refueling Squadrons (TAC)														
EC-99	20		6		6		6		5		3		2	
Total Operating Aircraft			15,312		13,790		12,964		12,329		11,750		11,080	
ACTIVE PERSONNEL														
Strength			614,752		622,900		624,900		624,900		624,900		624,900	

Line item revised 18 Apr 61.

This excludes ANG and AFR.

GENERAL COMMENTS: 1. Unit Equipment (UE) is the number of aircraft in organizational units. (Var indicates variable. UE 45/15 indicates 45 a/c per wing and 15 a/c per squadron. 12-16 indicates unit equipment is 12 or 16.)

2. No deliveries from procurement programs subsequent to the FY 62 Budget are reflected herein, except as follows:

	Units Equipped Thru FY 62 Procurement		Units Equipped Thru FY 63 Procurement	
	WG	SQ	WG	SQ
Tactical Fighter				
F-105	7	22	9	29
Tactical Reconnaissance				
RF-105	-	-	-	1
Troop Carrier				
C-130E (Medium)	1	3	2	6
Air Refueling Sq				
EC-135 (20 UE Equip)	-	27	-	32

In each of the above cases, FY 63 procurement was definitely implied in FY 62 Budget decisions as defined on page 2 of Instruction Number 1 attached to OASD (OCS) memorandum for the Assistant Secretaries (FM) of the Army, Navy, and Air Force, dated 13 May 1961.

3. Air Force units are expressed in wings and squadrons. For example:

$$1 \text{ Jul } 60 \\ 3-52 = (22)-(36)$$

indicates there are 12 wings of 3-52s composed of 36 squadrons.

4. The forces shown produce a temporary deficiency in military personnel during FY 62 and 63 compared with the end FY 62 ceiling but return within the ceiling in FY 64 and FY 65.

SECRET

(As of 30 Mar 61)
 (Corrected 16 Jun 61)

OFFICE OF THE SECRETARY

MEMORANDUM FOR THE SECRETARY OF DEFENSE

SUBJECT: (U) MINUTEMAN Program Lead Times

1. This memorandum is in response to Question 20 in your memorandum of 5 March 1961 on the specific lead times of the various elements entering into a decision to increase the presently scheduled production of MINUTEMAN. We have assumed that all necessary determinations, including the selection, acquisition and construction of sites, must be phased and accomplished at the points in time which will insure our capability to obtain the maximum possible acceleration in the deployment of a larger operational inventory by the end of FY-64.

2. In light of your recent decision and the President's budget message on the revised MINUTEMAN program, I have taken and will continue to take action in accordance with the attached schedule of lead times to obtain the capability to expand the force.

3. The schedule of lead times represents our present best estimates and may require revision in the light of experience.

4. As we previously indicated, presently approved military construction authorization and funding limit the MINUTEMAN program to 600 H&D missiles by mid CY-64. To completely insure our capability to expand to a larger force by mid CY-64, it will be necessary to have a full total of \$120.0 million in both additional MCP authorization and appropriation in FY-62.

5. If we should attempt to proceed with less than full authorization and the capability of full financing in the FY-62 period, we would be forced to so revise and slip schedules that the expanded force could not be obtained by end FY-64.

6. Acknowledging a new obligational authority problem in paragraph 4, above, and the program limitations introduced by paragraph 5, it would be possible to protect the capability to expand the force by providing full authorization of \$120.0 million in FY-1962. With the flexibility inherent in full authorization, the capability to accelerate the MINUTEMAN program during FY-1962 could later be obtained with funds

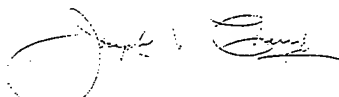
~~CONFIDENTIAL~~

available to the DOD through Section 535 of the FY-1961 Appropriation Act (which is anticipated to be included in the FY-1962 Appropriation Act).

7. In any event, it is most important that our FY-1962 presentation to the Armed Services Committee on MCP authorization be amended by letter or otherwise to reflect your choice of the two alternatives outlined above.

1 Inclosure

TAB A - MINUTEMAN Hardened
Specific Lead Time Decisions



JOSEPH V. CHARVZ
Under Secretary of the Air Force

cc: Deputy Secretary of Defense

~~SECRET~~

MINUTEMAN HARDENED FORCE SPECIFIC LEAD TIME DECISIONS

PRODUCTION DECISION DATES

1 April 1961

Action underway

- a. Directive to missile contractors to arrange for expanded capacity to meet 800 missile deployment schedule.
- b. Contract for the construction for the expansion of Air Force missile assembly Plant 77.

1 May 1961

- a. Contract for the construction of the expansion of Air Force First Stage Engine Plant 78.
- b. Contract for the construction of the expansion of Air Force Third Stage Engine Plant.

1 July 1961

Contract for the construction of the re-cycle facility expansion at Hill, AFB.

1 August 1961

- a. Contract for industrial equipment for AF Plant 78
- b. Contract for industrial equipment for the engine case fabricators.

15 September 1961

- a. Contract with Boeing Airplane Company for Aerospace ground equipment for the hardened and dispersed force.
 - b. Contract with Autonetics to produce ground and airborne equipment.
- ~~SECRET~~

~~SECRET~~

1 December 1961

Contract for industrial equipment for expanded stage three engine plant.

1 January 1962

a. Contract for additional industrial equipment for Autonetics plant.

b. Place firm order for additional stage one engines.

1 February 1962

Place firm order for additional stage two engines.

1 June 1962

Place firm order for additional stage three engines.

DEPLOYMENT DECISION DATES:

1 May 1961

Final approval of deployment areas for squadrons 10 and 11.

1 July 1961

Final approval of deployment areas for squadrons 12 and 13.

1 September 1961

Final approval of deployment areas for squadrons 14 and 15.

1 October 1961

Final approval of deployment areas for squadron 16.

CONSTRUCTION DECISION DATES:

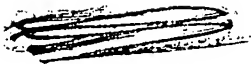
1 July 1961

Approval for land acquisition for squadrons 10 and 11.

1 September 1961

Approval for land acquisition for squadrons 12 and 13.

~~SECRET~~



1 November 1961

Approval for land acquisition for squadrons 14 and 15.

1 December 1961

Approval for land acquisition for squadron 16.

1 January & February 1962

Start of construction for squadrons 10 and 11.

1 March & April 1962

Start of construction for squadrons 12 and 13.

1 May & June 1962

Start of construction for squadrons 14 and 15.

1 June 1962

Start of construction for squadron 16.

Copies of all documents
released.

#3, 4, 5, 6, 14, 20, 21 in total

7, 13, 15, 16 in part

FOI NUM: 100780

Document # 12 referred to NSC
#17 referred to #4

OSPCOMP: ASD(C)
ATSD(LA)
JCS
ASD(PA)
ASD(ISA)
SPECASST
USD(R&E)
ASD(ISP)
ASD(PA&E)

DIVACT: AIR FORCE

SUBJREQ: RECORDS RE: SECDEF MEMO PROJECTS TO BE ASSIGNED WITHIN THE DOD
DTD MARCH 1, 1961. MCNAMARA 96 TROMBONES. PROJECTS 1, 2, 3, 4,
5, 6, 12, 13, 19, 23, 19, 23, 41, 43, 50, 87, 38. NAMES OF
PROJECT WORKERS.

LTRHD:

REQSTER: FRED KAPLAN

REQDISP: PARTIAL

TRNSFRD: AIR FORCE, NSC

REMARKS: JCS; MG CHARLES W. DYKE, USA, VD JOINT STAFF; 552(B)(1)
USD(R&E); RONALD D. THOMAS, DIR PROGRAM CONTROL AND ADMIN; 552(B)(1) 552(E)(3) AEA-1954
ASD(ISP); MG RICHARD T. BOVERIE, USAF, PRINCIPAL DEP ASST SECY;
552(B)(1)
DPA&E; PHILIPS L. MAJOR, DEPUTY DIR; 552(B)(1)
(R&C) BRANCH

REQCOMP: 910930

20 OK 519 DOCTITL: MEMO SECARMY ET AL DTD 610322 RE TESTIMONY ON
THE PRESIDENTS PROGRAM (PMD)(6 pages)

20 OK 520 DOCTITL: ASD(PA) MEMO TO SECDEF DTD 610320 RE ASSIGNMENT
OF PROJECTS WITHING DOD (PMD)(18 pages)

ANTI-SUBMARINE WARFARE (PMD)
SECNAV REPORT TO SECDEF DTD 61052 RE (~ 250 pages)

#19 denied 521
522 DOCTITL: USD(R&E) MEMO TO SECDEF DTD 610502 RE
EVALUATION OF BALLISTIC MISSILE EFFECTIVENESS
(TASK 47) (PMD)(11 pages)

#18 OK 523
524 DOCTITL: USD(R&E) MEMO TO SECDEF DTD 610301 RE PROJECT
NO. 41 SKYBOLT (PMD)(11 pages)

525 DOCTITL: STUDY DTD 610417 RE DDR&E ASSESSMENT OF
BALLISTIC MISSILE DEFENSE PROGRAM (PMD)(52 pages)

#14 OK 526
527 DOCTITL: SECDEF MEMO TO SECDEF UNDATED RE MINUTEMAN PROGRAM
LEAD TIMES (PMD)(9 pages)

#13(partial) 528
529 DOCTITL: SECDEF MEMO TO SECDEF DTD 610321 RE PROJECT NO.
13 (COMPARISON OF PROPOSED B-70 FORCE WITH
ALTERNATIVES) (PMD)(37 pages)

#11 denied 530
531 DOCTITL: REPORT A STUDY OF REQUIREMENTS FOR U.S.
STRATEGIC SYSTEMS, VOL I AND II PREPARED BY NET
EVALUATION SUBCOMMITTEE, NSC (PMD)

#10 denied 532
533 DOCTITL: JCSM-387-61 DTD 610623 RE JOINT CHIEFS OF STAFF
COMMENTS ON DDR&E MEMO SUBJ COMMAND AND CONTROL
(PROJECT 6) (PMD)

#9 denied 534
535 DOCTITL: USD(R&E) MEMO DTD 610419 RE COMMAND AND CONTROL
(PROJECT 6) (PMD)(54 pages)

#8 denied 536
537 DOCTITL: JCSM-250-61 DTD 610418 RE COMMAND AND CONTROL
SYSTEM (PMD)

#7 partial 538
539 DOCTITL: JCSM-241-61 DTD 610413 RE RE-EXAMINATION OF THE
CURRENT AND LONG RANGE DEPARTMENT OF DEFENSE
REQUIREMENTS FOR PRODUCTION OF NUCLEAR WEAPONS
AND FISSIONABLE MATERIAL (PMD)(4 pages)

#6 OK 540
541 DOCTITL: CM-250-61 DTD 610623 RE MAJOR MILITARY FORCE
PROJECTIONS TO END FY 1965 (PMD)(5 pages)

#5 OK 542
543 DOCTITL: CM-192-61 DTD 610420 RE MAJOR MILITARY FORCE
PROJECTIONS TO END FY 1965 (PMD)(4 pages)

#4 OK 544
545 DOCTITL: CM-172-61 DTD 610403 RE MAJOR MILITARY FORCE
PROJECTIONS TO END FY 1965 (PMD)(7 pages)

#3 OK 546
547 DOCTITL: JCSM-252-61 DTD 610418 RE DOCTRINE ON
THERMONUCLEAR ATTACK (PMD)(2 pages)

#3a denied 548
549 DOCTITL: CM-190-61 DTD 610419 RE DOCTRINE ON
THERMONUCLEAR ATTACK (PMD)(~ 30 pages)

#2 denied 550
551 DOCTITL: JCSM-269-61 DTD 610425 RE BASIC NATIONAL
SECURITY POLICY (PMD)(4 pages?)

#1 denied 552
553 DOCTITL: MEMO FOR CJCS DTD 610418 RE BASIC NATIONAL
SECURITY POLICY (PMD)(18 pages)

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OFFICE OF THE
SECRETARY OF DEFENSE

DEPARTMENT OF THE AIR FORCE
WASHINGTON

OFFICE OF THE SECRETARY

April 5, 1961

MEMORANDUM FOR SECRETARY OF DEFENSE

SUBJECT: Pricing of MINUTEMAN Program

This memorandum is in response to your inquiry concerning a lack of balance between funding for MINUTEMAN production and that for construction and installation and checkout. Military construction authorization and funding presently approved limit the program to 600 R&D MINUTEMAN missiles by summer 1964. If it is desired to retain the ability to obtain a larger force by summer 1964, additional construction authorization and funding during FY-62 will be required; this has been pointed out in the past.

Actions to prepare ourselves for the pricing problem are currently underway even though additional authorization and funding has not been made available. The AF Ballistic Missile Committee directed the implementing commands to take all actions necessary, including field explorations, short of construction, to provide a recommended number of support base locations in order to have a list of follow-on bases readily available. In addition, you were informed of the selection of the 3rd MINUTEMAN wing support base at Minot, and necessary action to advise the field commands has been taken.

The following example will illustrate the sequence and inter-relationship of events between production, construction and I&C:

PRODUCTION: Begin expansion in April 1961. Three solid missile obtained in April 1963.

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CONSTRUCTION:

a. Land survey and acquisition, design of facilities for three squadrons above the IX rate (squadrons 10 and 11), and advertisement for award of construction contracts, began May 1, 1961. Construction contract ready for award November 1, 1961. *in December.*

b. Construction contracts for squadrons 10 and 11 let November 1, 1961. Construction proceeds for 18 months, ending December 1963.

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c. I&C. The last two months of construction run concurrently with I&C. Subsequently, I&C continues for 4 months beyond the end of construction, being completed in March 1964 for Squadron 11.

It is obvious that production, construction, and I&C must be properly related and phased. No single aspect can be emphasized at the expense of another. Expansion of missile production facilities is the item of longest lead time. Unless expansion begins this month, as planned, we cannot reach the 300 force level and FM 64, regardless of the degree of later emphasis on construction or I&C.

A number of factors will make the deployment of MINUTEMAN a considerably simpler task than deployment of its predecessors:

a. The experience and know-how to do the task, gained from ATLAS and TITAN.

b. The formation of the Air Force Systems Command, and the integration of Corps of Engineer capability within it, to obtain unified management control over the acquisition and deployment of MINUTEMAN and other systems.

c. The relative simplicity of MINUTEMAN.

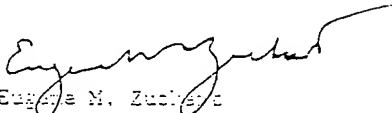
d. The designation of a single contractor - Boeing - with full responsibility for I&C. Planning for I&C has been detailed and thorough. See Inclosure 1.

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e. The "pre-package" concept, in which the majority of the assembly work for I&C will be done in the factory, rather than in the field.

f. Numbers. The quantity of MINUTEMAN missiles will allow us to use, for the first time, true production techniques in accomplishing the I&C task.

1 atch
Planning for
MINUTEMAN I&C


Eugene M. Zuckert

cc: Dep Sec Def

PLANNING FOR MINUTEMAN I&C

The planning for MINUTEMAN I&C began two years ago with creation of a separate organization within Boeing, having the sole responsibility for I&C of the MINUTEMAN.

Based on experience gained from the ATLAS program, a detailed plan was developed. The MINUTEMAN I&C plan is based on prefabricated assemblies, interchangeable sub-systems and components and use of detailed management control techniques. The prefabricated assemblies will be shipped to the site for installation. No assembly of bits and pieces will occur at the site. Interchangeable sub-systems and components will allow considerable speed-up of I&C as personnel become familiar with the equipment and the system.

Management control techniques consist of job breakdowns and sequences, manpower breakdowns and assignment, status reporting system, man hour reports, and a quality control system. The details of this plan can be appreciated when one understands that in the job breakdown and sequences, each job is so scheduled that one crew can accomplish each task within 8 hours.

This I&C plan is being tested, improved and updated at the Seattle Test Facility, which is a proving ground to test and functionally prove out the operational program.

Later, at Vandenberg Air Force Base, the I&C plan will be implemented in the same fashion as if this base were an operational site. At Vandenberg AFB, the USAF intends to make the I&C plan a sound and workable system.

The Air Force objective force has been 12 squadrons of RSD MINUTEMAN by end FY 64. Consequently, our plans have been geared to this force. With the deferment of the mobile MINUTEMAN, additional management talent and manpower can be assigned as, and if required, for I&C.

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II. Tasks to be Performed by WSTU

A. Provide continuing technical assistance and guidance to WSTU in the performance of the above tasks. To make this possible and effective:

A-1. Examine the reliability engineering and test procedures followed in the evaluation of missile components and systems as these procedures affect overall operational capability. Initiate improvements as necessary and practicable.

A-2. Examine operating, maintenance and training procedures as they affect overall operational capability. Ensure that meaningful and sufficient procedures are employed.

B. Review and evaluate the reports to be submitted by WSTU in response to WSTU tasks A and B above insofar as they pertain to WSTU's responsibilities. Advise the Secretary of Defense as appropriate.

C. At bi-monthly intervals following 15 September 1961 report to the Secretary of Defense on anticipated system performance of the principal ballistic missiles.

III. Task to be Performed by JCS

A. At bi-monthly intervals following 15 September 1961 report to the Secretary of Defense on anticipated operational effectiveness of ballistic missiles embodied in current SIOGs.

John M. Rubel
Acting Director

Enclosures - 2

1. Tab A
2. Tab B

Capt. Maxwell/mck/11/2/61
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VIEW OF CURRENT ACTIONS RELATIVE TO THIS BY

1. JCS 2012/155, 27 March 1961, "Evaluation of Operational Effectiveness of Ballistic Missiles" instituted a formal program by which the functions of evaluating the operational effectiveness of ballistic missiles may be performed and the results applied to military matters. It assigns certain responsibilities to the Joint Staff, NSAF, and the Services. The procedure evolved by JCS includes, in essence, these steps:

NSAF (Tab 5 Describes the NSAF Program)

Obtains, derives, and provides to JCS technical evaluations of developmental and operational test data.

Develops methodology (including definitions, criteria, and procedures) leading to a common basis for overall evaluations.

SERVICES

Make available to NSAF necessary data.

Provide NSAF with technical assistance.

DIRECTOR, JOINT STAFF

In conjunction with Services, recommend actions to JCS with regard to application of NSAF evaluations.

Coordinate with NSAF and Services in development of methodology.

2. SecDef memorandum of 20 April 1961 requests a plan, to be worked out with Air Force and Navy, for "operational testing" under rigidly controlled conditions of ATLAS, TITAN, POLARIS, and MINUTEMAN. OSDRE is developing this plan separate from Task 47. However, this plan can be expected ultimately to become part of the overall evaluation process.

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